Ptease type a plus sign (+) inside this box 👈 🔒	Please type	a plus	sign ((+) ins	ide this	s box	->	+
---	-------------	--------	--------	---------	----------	-------	----	---

Ptease type a plus sign (+) inside this box

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number,

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Comp	plete if Known
Application Number	09/668,558
Filing Date	September 22, 2000
First Named Inventor	Prances YEN, et al.
Group Art Unit	1645
Examiner Name	Unassigned
Attorney Docket Number	70.US2.RBG

				U.S. PATENT DOCU	UMENTS	
Examiner Initials	Cite No.1	U.S. Patent Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Peges, Cohumns, Lines, Where Relevant Pessages or Relevant Figures Appear
,4	_ A	US 05/935,8	10	Maffel et al.	08-10-1999	RECEIVED
						TECEIVED
						JUL 1 7 2001
						TECH CENTER 1600/2000
<u> </u>	 					
	├	ļ		:		
		7				
ļ		<u> </u>				
<u> </u>				,		
			- -	•	imithklina Beacham PLC	12-11-1997

					FORI	EIGN PATENT DOCUMENT	rs		
Examiner Cite Initials No.1		<u></u>	Foreign Patent Doc			Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	1
		Office ³	Number ⁴	Kind Code ⁵ (if known)		Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevent Figures Appear	T⁵
K	В	wo	97/46585		A2	Smithtdine Beachsm PLC	12-11-1997		
	С	wo	97/06816		A1	Amgen Inc	02-27-1997		
	D	wo	98/12224	ı	A1	Hoechst Aktiengeseltschaft	03-26-1998		
se	Ε	FR	2 767 135		A1	Genset SA	02-12-1999		\perp
		┼╌┼╴					-		╀
	\vdash	-							十
									<u> </u>
·	Ī								

Examiner	eyan Mir	Date ((c/or	
Signature	Afair Octob	Considered 6//3/03	

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(0, -, 6)	
120	the a plus sign (+) inside this box → + H Paperwork Reduction Act of 1995, no pers
THE TRADEMARK	Substitute for form 1449A/PTO
	INFORMATION DISCL

PTC/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of Sheet

Сотр	lete if Known	
Application Number	09/668,558	
Filing Date	September 22, 2000	
First Named Inventor	Frances YEN, et al.	
Group Art Unit	Unknown	
Examiner Name	Unassigned	
Attorney Docket Number	70.US2.REG	

				U.S. PATENT DOCL	JMENTS	
	07-	U.S. Pater	t Document	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Retevant
Examiner nitials	Cite No.1	Number	(if known)	of Cited Document	Cited Document MM-DD-YYYY	Passagas or Relevant
						<u>UECTIVE</u>
·					 	MAV 0 7 2004
			 - 		1	MAY 0 7 2001
						TECH CENTER 1600/29
						TECH CENTER 1000/23
	├				<u> </u>	
	-					
		· ·			•	
	<u> </u>					
	 					
	₩-	 	-+		Tanox Biosystems Inc.	10/03/1996

					FORE	IGN PATENT DOCUMEN	rs		
			oreign Patent Do			Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Examiner Initials	Cite No.1	Office ³	Number ⁴		d Code ⁵ known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Floures Appear	Τ°
ZI.	A	wo	96/30400	· ·	A1	Tanox Biosystems Inc.	10/03/1996		—
1	В	wo	96/39429	;	A2	Whitehead Institute	12/12/1998		┷
		1							┿
								 	┼
							ļ		╂─
					-				+
		\vdash			+		<u> </u>		+-
<u> </u>		1			+		 		\top
<u> </u>	\vdash $-$	+-+			+-		 		L

Examiner Signature	Lyan chir	Date Considered	6/15/05	
Signature		Condition		

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

MAY
0
~1
20
00

Cheet

Substitute for form 1449B/PTO 09/668,558 **Application Number** INFORMATION DISCLOSURE September 22, 2000 Filing Date Frances YEN, et al. First Named Inventor STATEMENT BY APPLICANT Unknown Group Art Unit Unassigned (use as many sheets as necessary) **Examiner Name** 70.US2.REG Attorney Docket Number of

			_
71		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner thitals	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
J gc	c	Baskin, D.G., et al., "LEPTIM RECEPTOR MRNA IDENTIFIES A SUBPOPULATION OF NEUROPEPTIDE Y NEURONS ACTIVATED BY FASTING IN RAY HYPOTHALAMUS", (1999) Diabetes 48:828-833	
	D	Bihain, B.E., et et., "THE LIPOLYSIS STIMULATED RECEPTOR: A GENE AT LAST", (1998) Curr. Opinion in Lip. 9(3):221-224	
	E	Campfield, L.A., et al., "RECOMBINANT MOUSE OB PROTEIN: EVIDENCE FOR A PERIPHERAL SIGNAL LINKING ADIPOSITY AND CENTRAL NETWORKS", (1995) Science 259:546-549	
	F	Cheung, C.C., et al., "PROOPIOMELANOCORTIN NEURONS ARE DIRECTED TARGETS FOR LEPTIN IN THE HYPOTHALAMUS". (1997) Endocrinology 138:4489-4492	
	G	Considine, R.V., et al., "SERUM IMMUNOREACTIVE-LEPTIN CONCENTRATIONS IN NORMAL-WEIGHT AND OBESE HUMANS", (1996) New Eng. J Med 334: 292-295	
	н	Ghebrehiwet, et al., "ISOLATION, cDNA CLONING, AND OVEREXPRESSION OF A 33-KD CELL SURFACE GLYCOPROTEIN THAT BINDS TO THE GLOBULAR "HEADS" OF C1q", J. Exp. Med., 179:1809-1821; June 1994 (The Rockefelter University Press)	
	-	Hayward, et al., "THE cDNA SEQUENMCE OF HUMAN ENDOTHELIAL CELL MULTIMERIN", J. Biol. Chem., Vol. 270, No. 31:18248-18251, August 4, 1995 (The American Society for Biochemistry and Molecular Biology, Inc.)	
	J	Hu, et al., "AdipoQ IS A NOVEL ADIPOSE-SPECIFIC GENE DYSREGULATED IN OBESITY", J. Biol. Chem. Vol. 271, No. 18:10697-10703 (May 1, 1996)	
	к	Kopelman, P.G., "OBESITY AS A MEDICAL PROBLEM", (2000) Nature 404:635-643	
	. .		
H		Mann, C. J., et al., "MECHANISM OF ACTIVATION AND FUINCTIONAL SIGNIFICANCE OF THE LIPOLYSIS-STIMULATED RECEPTOR, EVIDENCE FOR A ROLE AS CHYLOMICRON REMNANT RECEPTOR", Biochemistry, 34:10421-10431 (1995)	

Examiner	Lygan	chir	Date Considered	6/15/05
Signature			27.11.	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for for	m 1449B/PIU			Application Number	09/668,558
	ATION	פוח	CLOSURE	Filing Date	September 22, 2000
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor	Frances YEN, et al.
STATE	MENT E	BY A	PPLICANI	Group Art Unit	Unknown
77				Examiner Name	Unassigned
					70.US2.REG
Sheet 103	3	of	3	Attorney Docket Number	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Derniner Cite		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the liter (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), and/or country where published.			
K	N N	Mann, et al., "ApoCili INHIBITS THE BINDING OF TRIGLYCERIDE-RICH LIPOPROTEINS TO THE LIPOLYSIS STIMULATED RECEPTOR", Abstract (1996)			
	l	Schwartz, M.W., et al., "CENTRAL NERVOUS SYSTEM CONTROL OF FOOD INTAKE", (2000) Nature 404:661-671			
	P	Schwartz, M.W., et al., "CEREBROSPINAL FLUID LEVELS: RELATIONSHIP TO PLASMA LEVELS AND TO ADIPOSITY IN HUMANS", (1996) Nature Med 2:589-593			
		Sellar, et al., "CHARACTERIZATION AND ORGANIZATION OF ATHE GENES ENCODING THE A-, B- AND C-CHAINS OF HUMAN COMPLEMENT SUBCOMPONENT C1q", Biochemical Journal, 274:481-490 (1991)			
-	R	Troussard, A.A., et at., "INHIBITORY EFFECT ON THE LIPOLYSIS-STIMULATED RECEPTOR OF THE 39-KDa RECEPTOR-ASSOCIATED PROTEIN", Jr. of Biol. Chem., Vol. 270, #29:17068-71, July 21, 1995 (The American Society for Biochemistry and Molecular Biology, Inc.)			
	s	Urada, Y., et at., "PRECEREBELLIN IS A CEREBELLUM-SPECIFIC PROTEIN WITH SIMILARITY TO THE GLOBULAR DOMAIN OF COMPLEMENT C198 CHAIN", Proc. Natl. Sci. USA, 88:1059-1073, February, 1991			
	+-	Weigle, D.S., et al., "RECOMBINANT OB PROTEIN REDUCES FEEDING AND BODY WEIGHT IN THE OB/OB MOUSE", (1995) J. Clin. Invest 96:2065-2070			
B	10	Zhang, Y., et al., "POSITIONAL CLONING OF THE MOUSE OBESE GENE AND ITS HUMAN HOMOLOGUE", (1994) Nature 372:425-432			
			1		
	-				

Signature *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Date

Considered

Examiner

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.